

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A method ~~of announcing sessions transmitted through a network, the method comprising:~~
providing a first set of announcements describing a plurality of sessions
transmitted through a network; and
providing a second set of announcements describing at least one updated session; and
transmitting said first and second set of announcements.
2. (currently amended) A method according to claim 1, ~~comprising providing~~
wherein transmitting said first and second set of announcements comprises transmitting
said first set of announcements through a first channel and ~~providing~~ transmitting said
second set of announcements through a second, different channel.
3. (canceled)
4. (canceled)
5. (currently amended) A method according to claim 1, wherein ~~providing~~
transmitting said first set of announcements and ~~providing~~ transmitting said second set
of announcements comprises ~~providing~~ transmitting said first set of announcements
through a first IP address and ~~providing~~ transmitting said second set of announcements
through a second, different IP address respectively.
6. (canceled)

7. (currently amended) A method according to claim 1, wherein ~~providing~~ transmitting said first set of announcements and ~~providing-transmitting~~ said second set of announcements comprises ~~providing-transmitting~~ said first set of announcements through a first port number and ~~providing-transmitting~~ said second set of announcements through a second, different port number respectively.
8. (canceled)
9. (previously presented) A method according to claim 1, wherein providing said first set of announcements and providing said second set of announcements comprises including in each announcement of said first set of announcements data for identifying said announcement as an announcement which describes a one of said plurality of sessions and in each announcement of said second set of announcements data for identifying said announcement as an announcement which describes a one of said at least one updated session.
10. (previously presented) A method according to claim 1, wherein providing said first set of announcements and providing said second set of announcements comprises including in each announcement of said first set of announcements respective data for specifying a position of a corresponding session within a first portion of a session directory and including in each announcement of said second set of announcements respective data for specifying a position of a corresponding session within a second portion of the session directory.
11. (canceled)
12. (canceled)

13. (previously presented) A method according to claim 1, further comprising providing a third set of announcements describing another plurality of sessions including said at least one updated session.
14. (canceled)
15. (previously presented) A method according to claim 1, comprising arranging the providing of said second set of announcements after the providing of said first set of announcements.
16. (canceled)
17. (currently amended) A method according to claim 1, ~~comprising~~wherein transmitting said first set of announcements comprises transmitting said first set of announcements according to a session announcement protocol ~~(SAP)~~.
18. (currently amended) A method according to claim 1, ~~comprising~~wherein transmitting said first set of announcements comprises transmitting said first set of announcements according to a unidirectional transport protocol.
19. (canceled)
20. (canceled)
21. (currently amended) A method according to claim 1, ~~comprising~~wherein transmitting said first set of announcements comprises transmitting said first set of announcements according to user datagram protocol ~~(UDP)~~.

22. (previously presented) A method according to claim 1, comprising including a description of a corresponding session in each announcement.

23. (currently amended) A method according to claim 1, comprising including a description of a corresponding session arranged according to session description protocol-(SDP)-in each announcement.

24. (canceled)

25. (currently amended) A method according claim 1, ~~comprising providing~~wherein transmitting said first set of announcements comprises transmitting said first set of announcements as a series of linked messages.

26. (currently amended) A method according to claim 1, ~~comprising providing~~wherein transmitting said first and second set of announcements comprises transmitting said first set of announcements in a first set of time slots and ~~providing~~transmitting said second set of announcements in a second set of time slots, each timeslot of said first set of timeslots being provided at a different time from each timeslot of said second set of timeslots.

27. (previously presented) A method according to claim 1, comprising multiplexing said first and second sets of announcements.

28. (previously presented) A method according to claim 1, further comprising providing a third set of announcements identifying said at least one updated session.

29. (previously presented) A method according to claim 1, wherein providing the second set of announcements describing the at least one updated session comprises providing a set of announcements identifying the at least one updated session.

30. (canceled)

31. (previously presented) A method according to claim 1, wherein providing the second set of announcements describing the at least one updated session comprises providing a set of notifications pointing to the at least one updated session.

32. (canceled)

33. (canceled)

34. (currently amended) A method according to claim 1, comprising transmitting at least one of said sets of announcements according to asynchronous layered coding (ALC)-protocol.

35. (canceled)

36. (canceled)

37. (canceled)

38. (canceled)

39. (canceled)

40. (canceled)

41. (canceled)

42. (currently amended) A ~~computer program~~ computer-readable storage medium encoded with instructions which, when executed by a data processing apparatus, causes the data processing apparatus to perform a method ~~of announcing sessions transmitted through a network~~ according to claim 1.

43. (currently amended) A method ~~of accessing sessions transmitted through a network, the method~~ comprising:

selectively receiving a first set of announcements describing a plurality of sessions transmitted through a network; ~~and~~

selectively receiving a second set of announcements describing at least one updated session; and

accessing at least one of the plurality of sessions.

44. (previously presented) A method according to claim 43, further comprising determining whether all of said first set of announcements have been received.

45. (original) A method according to claim 44, further comprising selecting not to receive further said first set of announcements and selecting to receive said second set of announcements.

46. (canceled)

47. (canceled)

48. (canceled)

49. (canceled)

50. (canceled)

51. (canceled)

52. (canceled)

53. (currently amended) ~~A method of accessing sessions transmitted through a network, the method comprising:~~

listening to a first set of announcements describing a plurality of sessions
transmitted through a network;

determining whether said first set of announcements have been received;
if said first set of announcements have been received, then
stopping listening to said first set of announcements, and
listening to a second set of announcements describing at least one updated
session and

accessing at least one of the plurality of sessions.

54. (original) A method according to claim 53, further comprising:

stopping listening to a third set of announcements describing a further plurality of
sessions including said at least one updated session.

55. (currently amended) ~~Apparatus for announcing sessions transmitted through a network, the apparatus~~ An apparatus comprising:

~~means for providing a processor configured to provide a first set of~~
announcements describing a plurality of sessions transmitted through a network; and

~~means for providing further configured to provide a second set of~~
announcements describing at least one updated session; and

an output configured to transmit the first and second sets of announcements.

56. (canceled)

57. (canceled)

58. (currently amended) ~~Apparatus for accessing sessions transmitted through a network, the apparatus~~ An apparatus comprising:

a processor; and

~~means for selectively receiving a receiver configured to selectively receive a first set of announcements describing a plurality of sessions transmitted through a network and to provide the first set of announcements to the processor; and~~

~~means for selectively receiving the receiver further configured to selectively receive a second set of announcements describing at least one updated session and to provide the second set of announcements to the processor.~~

59. (currently amended) ~~Apparatus~~ The apparatus according to claim 58, ~~comprising wherein:~~

~~means for determining said processor is further configured to determine whether said first set of announcements has been received; and~~

~~said apparatus being is configured such that if said determining means the processor determines that said first set of announcements has been received, then the means for selectively receiving said second set of announcements receiver is configured to receive said second set of announcements.~~

60. (currently amended) ~~Apparatus~~ The apparatus according to claim 59, ~~comprising wherein:~~

~~means for selectively receiving the receiver is further configured to selectively receive a third set of announcements describing another plurality of sessions including said at least one updated session; and~~

~~—said apparatus being is configured such that if said determining means the processor determines that said first set of announcements has been received, then the~~

~~means for selectively receiving said third set of announcements~~ receiver is configured not to receive or not to forward said third set of announcements.

61. (currently amended) ~~Apparatus~~ The apparatus according to claim 60 which is a mobile communications device.

62. (canceled)

63. (canceled)

64. (currently amended) ~~A system for delivering program schedule data to end-user terminals, said system~~ computer-readable storage medium having stored thereon a data structure, comprising two sets of announcements, each set comprising at least one announcement, ~~the program~~ schedule data being organized at least partly from a first set of announcements describing at least partly a plurality of sessions and at least partly from a second set of announcements describing at least one at least partly updated session.

65. (currently amended) ~~A system for presenting program schedule data to end-user terminals, said system~~ computer-readable storage medium having stored thereon a data structure, comprising at least two set of announcements, each set comprising at least one announcement, ~~the program~~ schedule data being organized at least partly from a first set of repeatable announcements describing a plurality of sessions, at least partly from a second set of repeatable announcements describing at least one at least partly updated session and at least session descriptions of at least one of the repeatable announcements for defining whether the at least one of the first and second announcements is received or not.

66. (canceled)

67. (canceled)

68. (canceled)

69. (canceled)

70. (canceled)

71. (canceled)

72. (canceled)

73. (canceled)

74. (canceled)

75. (previously presented) A method according to claim 43, wherein the second set of announcements describing the at least one updated session are in the form of a set of announcements identifying the at least one updated session.

76. (previously presented) A method according to claim 45, further comprising selecting to receive a third set of announcements describing another plurality of sessions including said at least one updated session

77. (new) A method according to claim 1, comprising transmitting at least one of said sets of announcements according to a protocol based on asynchronous layered coding protocol.